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1954

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annual inspection trip

by SENIOR ENGINEERING STUDENTS

College of Engineering

UNIVERSITY OF ILLINOIS

URBANA, ILLINOIS, 1954

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ITINERARY

**Annual
Inspection Trip
of the**

College of Engineering

UNIVERSITY OF ILLINOIS

URBANA, ILLINOIS, 1954

CURRICULA OF THE COLLEGE OF ENGINEERING

The curricula offered by the College of Engineering at the University of Illinois include the following:

Aeronautical Engineering

Agricultural Engineering

Ceramic Engineering

Chemical Engineering

Administered in College of
Liberal Arts and Sciences

Civil Engineering

Electrical Engineering

Engineering Physics

General Engineering

Mechanical Engineering

Metallurgical Engineering

Mining Engineering

Sanitary Engineering

Graduate work leading to a Master's degree is offered in a wide variety of engineering subjects. Doctor's degrees may be earned in the major fields.

ANNUAL INSPECTION TRIP

College of Engineering

University of Illinois

General Directions

BE PROMPT

All members of the party are required to report promptly at the appointed time and place. Instructors will call the roll at each place visited and any student absent from roll call will not be permitted to join the party until time for the next event on the itinerary. Absence from roll call is sufficient justification for the dismissal of the student from the party and for reporting him to the proper authorities at the University.

BE COURTEOUS

Permission to visit the several places listed in the itinerary is a courtesy extended to the University which involves some expense and trouble to the management of these companies. Members of the party should be appreciative of this fact and conduct themselves properly as representatives of the University. It is particularly desirable that everyone refrain from smoking within the confines of the plants visited and that all fully observe posted regulations.

BE CAREFUL

While members of the faculty who are in immediate charge of these trips will make every effort to provide for the comfort and safety of the students in the party, there is, of course, some slight element of personal danger on railway trains, buses, street cars and in plants visited. Neither the owners of the plants visited,

the University, nor members of the faculty can assume any responsibility for accidents which may occur to students during the trip. Proper care and deportment at all times will greatly reduce the possibility of accidents.

BE OBSERVING

Inspection trips are required because it is believed that the educational advantages resulting from the inspection of large industrial enterprises fully justify the time and expense involved. To realize this ideal, however, students must use every endeavor to secure a correct impression of the places visited, an appreciation of the general nature of the plant inspected and of its product, rather than of minor details.

Acknowledgment

Inspection trips of this nature would be impossible without the generous cooperation of American industry.

The students, faculty, and administration of the College of Engineering wish to thank the companies visited during the 1954 trip.

Aeronautical Engineering

WEDNESDAY, OCTOBER 20

1:00 P.M. Leave Aeronautical Laboratory A.

7:30 P.M. Arrive at Hotel Melbourne, St. Louis.

THURSDAY, OCTOBER 21

9:15 A.M. Leave Hotel Melbourne.

10:00 A.M. Arrive Main entrance to the Administration Building of the McDonnell Aircraft Corporation.

12:00 M. Lunch.

3:00 P.M. Leave for Urbana.

9:30 P.M. Arrive in Urbana.

Faculty

H. H. Hilton

T. P. Torda

Graduate Students

Orem, Robert L.

Seniors

Allen, John E.

Allen, Larry E.

Baker, James H.

Brush, Ronald A.

Burk, Jack L.

Chambliss, Dale R.

Chrusciel, Gerald T.

Cichy, Daniel R.

Clark, Robert N.

Cohan, Fred A.

Crowder, Richard S.

DeProtine, Phil R.

Doty, Donald L.

Gruner, Robert T.

Hargis, David E.

Ikhtiari, Paul A.

Koga, Jack Y.

Kramer, Raymond M.

Kuczma, James F.

Larsen, Walter L.

Locke, John W.

Malleck, Joseph W.

Morton, Frank G.

Rachner, Jerome E.

Roth, Harvey L.

Russell, William R.

Snyder, Fred S., Jr.

Somerville, Richard T.

Turner, Robert D.

Walcott, William B.

Weaver, Harold E.

Agricultural Engineering

WEDNESDAY, OCTOBER 20

- 6:45 A.M. Leave Agricultural Engineering Building.
- 8:00 A.M. Visit Marvel-Schebler Products Division, Borg-Warner Corporation, Decatur.
- 10:00 A.M. Visit Decatur Pump Company.
- 12:00 M. Lunch in Decatur.
- 1:00 P.M. Visit Elevator Division, A. E. Staley Manufacturing Company.
- 3:00 P.M. Visit Mississippi Valley Structural Steel Co.
- 5:00 P.M. Leave for Springfield.
- 6:15 P.M. Arrive at St. Nicholas Hotel.

THURSDAY, OCTOBER 21

- 7:45 A.M. Assemble in Hotel Lobby after breakfast.
- 8:00 A.M. Visit Springfield Clay Products Company.
- 9:30 A.M. Visit John W. Hobbs Corporation.
- 11:00 A.M. Leave for Shelbyville.
- 12:00 M. Stop for lunch.
- 1:30 P.M. Visit Oliver Plant, Shelbyville.
- 3:30 P.M. Depart for Lafayette, Indiana.
- 6:00 P.M. Stop for dinner.
- 8:30 P.M. Arrive at Student Union Building, Lafayette.

FRIDAY, OCTOBER 22

- 8:00 A.M. Assemble in lobby of Student Union Building after breakfast.
- 8:15 A.M. Visit Purdue Agricultural Engineering Department.
- 10:00 A.M. Visit National Homes Corporation.
- 12:00 M. Lunch.
- 1:00 P.M. Visit Duncan Electric Company.
- 2:30 P.M. Visit Fairfield Gear Company.
- 4:30 P.M. Leave for Champaign.

Faculty

J. O. Curtis

Seniors

Barth, Clyde L.
Cohron, Gerald T.
Curry, Floyd W.

Hadler, Howard D.
Stevenson, Joseph S.
Woodrum, Earl H.

Ceramic Engineering

TUESDAY, OCTOBER 19

- 6:30 A.M. Assemble at Ceramics Building. Leave by car for Streator, Illinois.
- 8:45 A.M. Visit plant of Streator Brick Company.
- 10:30 A.M. Leave for Ottawa, Illinois.
- 11:00 A.M. Visit plant of Chicago Retort and Firebrick Division of Laclede-Christy Company.
- 12:45 P.M. Lunch in Ottawa, Illinois.
- 1:45 P.M. Visit plant of Libbey-Owens-Ford Glass Company in Ottawa, Illinois.
- 4:30 P.M. Leave for Aurora, Illinois.
- 6:00 P.M. Check in at the Hotel Aurora, Aurora, Illinois.

WEDNESDAY, OCTOBER 20

- 7:30 A.M. Check out and assemble in front of Hotel. Leave for Antioch, Illinois.
- 9:00 A.M. Visit plant of the Pickard China Company in Antioch, Illinois.
- 11:00 A.M. Leave for Milwaukee, Wisconsin.
- 12:15 P.M. Lunch in Milwaukee, Wisconsin.
- 1:30 P.M. Visit the Centralab Division of Globe Union Company.
- 4:30 P.M. Leave for Chicago, Illinois.
- 6:00 P.M. Check in at the St. Clair Hotel, Chicago, Illinois.

THURSDAY, OCTOBER 21

- 7:30 A.M. Assemble in front of Hotel. Leave for Chicago Potteries Company.
- 8:00 A.M. Visit plant of the Chicago Potteries Company, 1920 N. Clybourn, Chicago, Illinois.
- 10:00 A.M. Leave for the Chicago Vitreous Corporation.
- 10:30 A.M. Visit plant of the Chicago Vitreous Corporation, 1401 South 55th Court, Cicero, Illinois.
- 12:00 M. Lunch as the guest of the Chicago Vitreous Corporation.
- 2:00 P.M. Visit plant of the Hotpoint Company, 5600 W. Taylor Street, Chicago, Illinois.
- 4:30 P.M. Return to St. Clair Hotel.

FRIDAY, OCTOBER 22

- 7:15 A.M. Check out and assemble in front of St. Clair Hotel. Leave for East Chicago, Indiana.
- 8:30 A.M. Visit plant of the Harbison-Walker Refractories Company, East Chicago Works, East Chicago, Indiana.
- 10:30 A.M. Visit plant of the Inland Steel Company, Blast Furnace and Open Hearth Division.
- 12:00 M. Lunch in East Chicago, Indiana.
- 1:00 P.M. Visit plant of the Inland Steel Company, Blooming and Hot and Cold Strip Mills.
- 4:30 P.M. Leave for Urbana, Illinois.
- 9:00 P.M. Arrive in Urbana, Illinois.

Faculty

R. L. Cook

J. A. Nelson

Graduate Students

King, Robert M.
Tennery, Victor J.

Wang, Franklin F. Y.

Seniors

Arnold, Roger T.
Bennett, Harold R.
Bolton, Russell L.

Carpenter, Harry W., Jr.
Hallse, Robert Leif
Robson, William G.

Chemical Engineering

THURSDAY, OCTOBER 21

- 6:30 A.M. Leave by buses from Green Street entrance to Student Union Building.
- 9:30 A.M. Visit the Kankakee Unit of Joliet Arsenal, U.S. Rubber Company, Joliet, Illinois.
- 12:15 P.M. Lunch at Kankakee Unit of Joliet Arsenal.
- 2:15 P.M. Visit the plant of Republic Flow Meters Company.
- 4:45 P.M. Leave for Hotel Knickerbocker.
- 5:45 P.M. Arrive at Hotel Knickerbocker, 163 East Walton Place, Chicago, Illinois.

FRIDAY, OCTOBER 22

- 8:30 A.M. Leave Hotel Knickerbocker.
- 9:30 A.M. Visit the United States Steel Corporation.
- 11:20 A.M. Lunch at South Chicago Y.M.C.A. Cafeteria, 3039 East 91st Street, Chicago, Illinois.
- 1:30 P.M. Visit the plant of Spencer Chemical Company, Calumet City, Illinois.
- 3:30 P.M. Leave for Urbana.
- 7:30 P.M. Arrive at Urbana.

Faculty

C. R. Cupit

M. S. Peters

Seniors

Bailey, Robert E.
Bakaitis, Algis R.
Brodbeck, John J.
Broman, John C.
Bucksat, Robert E.
Burgener, Ivan L.
Carper, Robert S.
Dellert, Richard H.
Endres, Joseph G.
Gaska, Remigius A.
Goldstein, Martin E.
Hall, Wayne E.
Kabel, Robert L.
Knott, Keith R.
Kostner, Milton G.

Kremmer, Orville C.
Likander, George
Livingston, Duncan
MacMullan, Eugene C.
Marchello, Joseph M.
Metcalf, Robert A.
Murray, John N.
Narayan, K. Ananth
Piette, Robert J.
Schaefer, Robert W.
Schrodt, Verle N.
Vinson, Carl G., Jr.
Wilson, William G.
Wolfenberger, Charles J.
Youn, Chung Sul

Civil Engineering

WEDNESDAY, OCTOBER 20

- 6:00 A.M. Leave Civil Engineering Hall, Urbana, by chartered bus.
- 9:45 A.M. Arrive at Hammond Water Works, Calumet Avenue and Lake Michigan, Hammond, Indiana.
- 11:45 A.M. Leave Hammond Water Works.
- 12:00 M. Lunch at Vogel's Restaurant, 1250 Indianapolis Blvd., Whiting, Indiana.
- 1:00 P.M. Reboard buses.
- 1:30 P.M. Arrive at Wisconsin Steel Works, 106th Street and Torrence Avenue, Chicago.
- 4:45 P.M. Leave Wisconsin Steel Works for St. Clair Hotel, 162 East Ohio Street, Chicago. Check in at hotel.

THURSDAY, OCTOBER 21

- 6:45 A.M. Leave St. Clair Hotel by bus.
- 7:30 A.M. Begin inspection of Congress Street Superhighway construction.
- 12:15 P.M. Leave Congress Street Superhighway for Navy Pier.
- 12:45 P.M. Lunch at U. of I. cafeteria, Navy Pier.
- 2:00 P.M. Inspection of construction work on Central District Filtration Plant, Navy Pier.
- 3:00 P.M. Leave Central District Filtration Plant.
- 3:30 P.M. Arrive at Michigan Avenue Parking Garage, Michigan Avenue and Monroe Street.
- 5:30 P.M. Leave for St. Clair Hotel.

FRIDAY, OCTOBER 22

- 6:30 A.M. Check out of hotel.
- 6:45 A.M. Board buses.
- 8:00 A.M. Arrive at American Bridge Co., Bridge Street, Gary, Indiana.
- 10:00 A.M. Leave American Bridge Co.
- 10:30 A.M. Arrive at Universal Atlas Cement Co., Buffington, Indiana.
- 12:30 P.M. Leave Universal Atlas Cement Co.
- 1:00 P.M. Lunch at Vogel's Restaurant, 1250 Indianapolis Blvd., Whiting, Indiana.

2:00 P.M. Reboard buses.

2:15 P.M. Arrive at Hammond Sewage Treatment Plant,
Columbia Avenue and 152nd Street, Hammond,
Indiana.

4:15 P.M. Depart for Champaign-Urbana.

Faculty

J. W. Briscoe
H. H. Connolly
D. A. Day

R. H. Harmeson
N. Khachaturian
W. S. Pollard

G. A. Young

Seniors

Allen, Raymond J.
Anderson, Theodore W.
Barbatti, Henry T.
Barker, Wayne M.
Battaglia, Joseph A.
Baumgartner, Donald J.
Bazzell, Charles K.
Beesley, Robert A.
Bergstrom, James D.
Brandt, John M.
Buerer, Robert K.
Burr, Frank W.
Calhoon, James D.
Canfield, Floyd I.
Carrera, Cesar A.
Casler, William R.
Casserly, Joseph B., Jr.
Chapman, William E.
Chartier, Jack W.
Cingillioglu, Ibrahim B.
Cohen, Elizhu W.
Collins, Ronald D.
Cordes, Robert H.
Curtis, John L.
Dar, M. Sidiq
D'Arcy, Thomas J.
Dees, Dan C.
Domenella, Otello P.
Doyle, Donald F.
Eichenlaub, Raymond C.
Ellis, Howard R.
English, Alan L.
Espinosa, Daniel
Fanson, James L.
Fernandez, Guillermo
Finley, Norman L.
Fooks, John O.
Friedewald, Frederick B.
Fuller, Clyde M.
Galecke, Joseph A.
Garcia, Guillermo S.
Goldfarb, Simon
Grabowski, John M.
Gray, Raymond J.

Guyton, Joseph W.
Hahn, Robert J.
Hansen, Vello
Harvey, Thomas N.
Horn, Ralph J.
Hutchinson, J. W.
Ippolito, Edwin J.
Jasien, Leo John, Jr.
Jones, Don E.
Kazmierczak, Thaddeus R.
Keusal, Daniel M.
Larson, Raymond E.
Leach, Kenneth R.
Leung, George Y. C.
Lewis, John O.
Liebman, Warren S.
Lim, Harry J. K.
Liu, Thomas K. H.
Llanos, Jorge H.
Loff, Donald D.
MacDonald, Robert A.
Madonia, Frank G.
Marasovich, George T.
Mari, Reginald, Jr.
McClure, William L.
McLean, Charles H.
Mebes, William J.
Moenkhaus, Arthur E.
Morgan, John B.
Murphy, Norton J.
Nelson, Norman W.
Oglesby, Robert E.
Origer, Thomas J.
Pabarcus, Algis
Pacheco, Raul R.
Parker, Jack E.
Parmenter, Neal K.
Parsons, Chandler S.
Paul, Stanley L.
Ragen, John H.
Riordan, Thomas M.
Romero, Jose M.
Rzewnicki, Edward
Schmeltzer, Robert W.
Scotese, Attilio G.

Simon, John S.
Simonson, Don G.
Skutnik, Stanley J.
Smith, Charles H.
Spyros, James G.
Sutton, Richard D.
Tan, Mehmet A.
Tezcan, Nazif K.
Upitis, Elmar
Variakojis, Jonas

Voegtle, Philip J.
Walter, Charles J.
Warren, Kenneth E.
Weihe, Allan H.
Wendt, Albert W.
Wisthuff, Ronald A.
Wymer, James L.
Yarborough, Keith A.
Zabin, Mahmoud A.
Zeman, Joseph J.

Electrical Engineering

— COMMUNICATION OPTION

WEDNESDAY, OCTOBER 20

- 5:45 A.M. Leave Wright Street entrance Electrical Engineering Building.
- 9:00 A.M. Enter Electromotive Division, General Motors Corporation, La Grange.
- 11:30 A.M. Lunch at company cafeteria.
- 12:45 P.M. Leave for Bell Telephone Building, 85 West Congress Street.
- 1:30 P.M. Visit Bell Telephone (A. T. & T. Toll Building).
- 4:30 P.M. Leave for St. Clair Hotel, 162 East Ohio, Chicago.

THURSDAY, OCTOBER 21

- 8:00 A.M. Leave for Motorola Company, 4545 Augusta Boulevard.
- 9:00 A.M. Enter Motorola.
- 11:30 A.M. Lunch as guests of Motorola Company.
- 12:45 P.M. Leave for Continental Electric, Geneva, Illinois.
- 2:00 P.M. Enter Continental.
- 4:00 P.M. Leave for St. Clair Hotel.

FRIDAY, OCTOBER 22

Check out of hotel — load baggage on bus.

- 8:00 A.M. Leave for Western Electric Company, 23rd Place and Cicero Avenue.
 - 9:00 A.M. Enter Western Electric Plant.
 - 11:30 A.M. Lunch as guests of Western Electric Company.
 - 12:30 P.M. Leave for Wisconsin Steel Company, 2701 East 106th Street.
 - 1:30 P.M. Enter Wisconsin Steel Plant.
 - 4:30 P.M. Leave for Champaign-Urbana.
- The buses will go to a public transportation station for Chicago-bound students.

Faculty

W. G. Albright
G. E. Anner
M. H. Crothers

M. S. McVay
P. F. Schwarzlose
A. W. Swago

Seniors

Argoudelis, Evangelos D.
Arndt, Robert L.
Arnold, Donald R.
Bagley, Allan J.
Bailey, Elmer F.
Bemis, Richard G.
Bitzer, Donald L.
Blood, James A.
Borovick, Daniel I.
Briggs, James B.
Brown, Kenneth H.
Brown, Raymond V.
Bruns, Henry E.
Burke, Henry W.
Carlin, James H.
Chang, Dai J.
Childs, Charles W.
Clemens, John K.
Croyts, Harold S.
Dahl, Harry C.
Dillon, Leo C.
Elwell, Thomas G.
Fair, Richard D.
Feldman, Robert E.
Garbrecht, Fernando S.
Goedeke, Richard C.
Goldberg, Jerome
Haig, Thomas O.
Hakimi, Seifollah
Hampton, Luther P.
Hann, Herbert F.
Hartke, Frederick H.
Hausvick, Roger L.
Hedvig, Thomas I.
Hodges, Ralph R.
Highsmith, Charles C.
Jeschke, Donald R.
Kiesel, Richard H.
Klein, Melvin S.
Knapp, James W.
Kuo, Franklin
Lackowski, Donald H.
Lichtenberger, William W.
Long, Louis M.
Mahn, Charles R.
Martini, Roger G.
McMahon, James J.
Mellas, Anthony
Michel, Walter A.
Miller, Charles H.
Miwa, Terence M.
Montella, Dominic T.
Much, Daryl L.
Obermayer, Richard W.
Ogawa, Richard K.
Ouverson, Curtis D.
Padgitt, Kenneth W.
Pearson, Paul E.
Powers, James C.
Randolph, Robert R.
Regas, Stelios
Rohde, Robert E.
Rosanes, Albert P.
Rother, Leopold
Rudolph, James G.
Rush, Charles J.
Safus, Miss Ludmila
Sandberg, Earl L.
Sauder, David L.
Schulz, Robert E.
Schuhrke, Donald K.
Sebasky, Gene M.
Skulina, Richard J.
Smith, Larry D.
Solar, Carl M.
Strathman, John H.
Swargulski, Edward L.
Tsuda, George I.
Vanier, William P.
Variakojis, Vidmantas
VonLanken, John R.
Wavering, Albert J., Jr.
Wishart, James H.
Wollack, Normert J.
Wood, Donald G.
Woodward, Robert M.
Wright, Howard E.
Young, Duane B.
Zentarski, James L.

Electrical Engineering

— ILLUMINATION OPTION

TUESDAY, OCTOBER 19

2:00 P.M. Leave East door E.E. Building.

WEDNESDAY, OCTOBER 20

8:30 A.M. Roosevelt School, Park Ridge. Inspection of various types of school lighting in Park Ridge, Des Plaines and Mt. Prospect.

11:30 A.M. Benjamin Electric Co., Des Plaines. Inspection of manufacturing processes and laboratory. Luncheon.

2:30 P.M. Glenbrook High School, Northbrook. Inspection of lighting and electric service vault.

3:30 P.M. Lighting Products Co., Highland Park. Inspection of manufacturing processes and fixture development.

5:00 P.M. Inspection of Street and Highway lighting.

6:00 P.M. Dinner.

THURSDAY, OCTOBER 21

8:30 A.M. Chicago Lighting Institute, 37 South Wabash Avenue. Inspection of Institute facilities.

10:00 A.M. Commonwealth Edison Co., 125 South Clark Street. Inspection of office lighting.

12:00 M. Luncheon.

2:30 P.M. Ryerson Steel Co., 2558 West 16th Street. Inspection of warehouse lighting.

3:45 P.M. Public Service Co., 1701 South 1st Avenue, Maywood. Inspection of office and shop lighting.

5:30 P.M. Oak Park. Inspection of Lake-Marian shopping district.

6:30 P.M. Dinner.

8:00 P.M. Midway Airport, Chicago. Inspection of airport lighting and electric service facilities.

FRIDAY, OCTOBER 22

8:30 A.M. Sola Electric Co., 4627 West 16th Street, Cicero. Inspection of manufacturing processes.

10:30 A.M. Curtis Lighting, Inc., 6135 W. 65th St., Bedford Park. Inspection of manufacturing processes.

- 12:00 M. Luncheon.
- 1:30 P.M. Evergreen Shopping Plaza, 95th St., and Western Ave., Evergreen Park. Inspection of store lighting, primary and secondary electric distribution, building wiring.
- 4:30 P.M. Leave for Urbana.

Faculty

H. W. Horn G. R. Peirce

Seniors

Belson, R. F.	Nichols, F. C.
Fairbanks, K. E.	Speltz, S. E.
Needham, J. E.	

Electrical Engineering — POWER OPTION

WEDNESDAY, OCTOBER 20

- 5:45 A.M. Leave Wright Street entrance Electrical Engineering Building on special buses.
- 9:00 A.M. Enter Electromotive Division, General Motors Corporation, La Grange, Illinois.
- 11:30 A.M. Lunch at Company cafeteria.
- 12:15 P.M. Leave for Wisconsin Steel Company, 2701 East 106th Street.
- 1:15 P.M. Enter Wisconsin Steel Plant.
- 4:30 P.M. Leave for Ambassador Hotel, 2300 West Wisconsin Avenue, Milwaukee, Wisconsin.

THURSDAY, OCTOBER 21

- 7:30 A.M. Leave hotel for Public Service Building, Wisconsin Electric Power Company.
- 8:00 A.M. Enter Load Dispatcher's office.
- 9:00 A.M. Leave for Oak Creek Plant, Wisconsin Electric Power Company.
- 11:45 A.M. Leave for Allis-Chalmers Company, West Allis, Wisconsin.
- 1:00 P.M. Lunch at Allis-Chalmers Club as guests of Allis-Chalmers Company.
- 1:30 P.M. Enter Allis-Chalmers works.
- 4:30 P.M. Leave plant for Ambassador Hotel.

FRIDAY, OCTOBER 22

Check out of hotel — place baggage on bus

- 7:45 A.M. Leave hotel for Louis Allis Company, 427 East Stewart Street.
- 8:30 A.M. Enter Louis Allis Works.
Lunch as guests of Louis Allis Company.
- 12:45 P.M. Leave Louis Allis Company for Cutler-Hammer Company, 315 North 12th Street.
- 1:15 P.M. Enter Cutler-Hammer works.
- 4:30 P.M. Leave for Champaign-Urbana.

Faculty

M. S. Helm C. A. Keener
J. E. Williams

Graduate Students

Baumgaertner, D. Kazantsis, M.
El-Sabbagh, H. H. Zaky, A.

Seniors

Anderson, Dean M.	Jacobowitz, Abraham
Arthur, John	Killpatrick, Joseph E.
Babickas, Raymond K.	Koyasako, Yoshio
Battuello, Frank L.	Lattner, Paul D.
Borin, Irwin S.	Maxey, Robert M.
Brunner, Otto G.	McCready, Richard A.
Buhrmester, Donald E.	McDonough, Charles L.
Carr, Robert A.	McElyea, Jerry A.
Crozier, Andrew	Mejia, Alfonso
Currea, Ernesto	Molina, L. A.
Day, William H.	Nardi, Louis U.
Delima, L. A.	Orndorff, Ross M.
Doemland, Harvey H.	Penrod, William V.
Duffey, Richard L.	Perry, Donald D.
Engler, Paul W.	Peterson, Ronold D.
Fahlen, Irwin J.	Reyes, Virgilio J.
Heid, Donald J.	Rios, Guillermo A.
Herbst, Albert J.	Schwarz, Elias
Hetfield, Kent W.	Stropoli, Gerald M.
Higgs, Stuart E.	Swinton, Kenneth R.
Hlavin, Miles L.	Tourtellotte, Fred
Israelevite, Chayim	Tsuchida, Ernest Y.

General Engineering

WEDNESDAY, OCTOBER 20

- 6:00 A.M. Leave Transportation Bldg., Urbana by chartered bus.
- 9:00 A.M. Arrive at Electromotive Division, General Motors Corp., La Grange, Illinois.
- 11:30 A.M. Lunch at Electromotive.
- 12:15 P.M. Leave Electromotive.
- 1:30 P.M. Arrive at Chicago Bridge and Iron Works, 1305 W. 105th St., Chicago, Illinois.
- 3:30 P.M. Leave Chicago Bridge and Iron Works.
- 4:15 P.M. Arrive at Central District Filtration Plant, Navy Pier, Chicago, Illinois.
- 5:15 P.M. Leave Central District Filtration Plant.
- 5:30 P.M. Arrive and check in at the St. Clair Hotel, 162 E. Ohio St., Chicago, Illinois.

THURSDAY, OCTOBER 21

- 6:30 A.M. Leave St. Clair Hotel by bus.
- 9:00 A.M. Arrive Nash Motors, 5626 25th Ave., Kenosha, Wisconsin.
- 11:00 A.M. Leave Nash Motors.
- 12:30 P.M. Lunch at Allis-Chalmers Company, West Allis, Wisconsin.
- 1:30 P.M. Visit Allis-Chalmers Company.
- 4:30 P.M. Leave for St. Clair Hotel.

FRIDAY, OCTOBER 22

- 7:15 A.M. Check out of hotel.
- 7:30 A.M. Leave St. Clair Hotel by bus.
- 9:00 A.M. Arrive at Elgin National Watch Company, Elgin, Illinois.
- 11:30 A.M. Lunch at Elgin National Watch Company.
- 12:15 P.M. Leave Elgin National Watch Company.
- 1:30 P.M. Arrive at Wisconsin Steel Works, 2701 East 106th St., Chicago, Illinois.
- 4:30 P.M. Leave Wisconsin Steel Works for Champaign-Urbana.

Faculty

E. D. Ebert

Seniors

Babicz, D. J.
Blitt, J. A.
Broomfield, F. W.
Bush, S. J.
Clark, D. W.
Dougherty, H., Jr.
Dowsett, R. D.
Engler, R. W.
Faster, W. W.
Fricker, G. F.

Koch, P. F.
Kramer, A. W.
Kries, P. F.
Lee, P. C.
Myslinski, F. J.
Purcell, W. T.
Richards, R. G.
Rimmey, W. T.
Vroman, L. H.
Wiese, W. F.

Mechanical Engineering — TRIP 1

(All students must be United States citizens)

WEDNESDAY, OCTOBER 20

- 6:00 A.M. Board bus on Matthews Avenue, west of the Mechanical Engineering Building.
- 11:30 A.M. Arrive at St. Louis.
- 11:30 A.M. Lunch.
- 1:00 P.M. Arrive at McDonnell Aircraft Corporation — Lambert — St. Louis Airport.
- 5:00 P.M. Check in at Mark Twain Hotel, 116 North Eighth Street.

THURSDAY, OCTOBER 21

- 8:15 A.M. Assemble in lobby of Mark Twain Hotel.
- 8:30 A.M. Leave hotel by special bus.
- 9:00 A.M. Arrive at Monsanto Chemical Company, John F. Queeny Plant, 1700 South Second Street.
- 12:00 M. Lunch.
- 2:00 P.M. Arrive at Nordberg Manufacturing Company, Busch-Sulzer Division, 3300 South Second Street.
- 5:00 P.M. Return to hotel.

FRIDAY, OCTOBER 22

- 8:00 A.M. Check out of hotel and assemble in the lobby.
- 8:15 A.M. Leave hotel by special bus.
- 8:45 A.M. Arrive at Carter Carburetor Corporation, 2840 North Spring Avenue.
- 12:00 M. Luncheon, Courtesy of Carter Carburetor Corporation.
- 2:00 P.M. Leave Carter Carburetor Corporation and proceed to Champaign-Urbana by special bus.
- 7:00 P.M. Arrive at Champaign-Urbana.

Faculty

H. D. Bareither

G. F. Schrader

Seniors

Babel, H. W.	Krause, R. J.
Badger, P. H.	Kurzrock, J. W.
Baker, R. R.	Matheny, J. E.
Blank, J. L.	Melone, J. A.
Bokenkamp, D. G.	Milum, G. E.
Bradley, W. D.	Moser, R. L.
Butterfield, N. J.	Mueller, D. D.
Engel, L. F.	Nagle, J. P.
Erb, C. A.	Nejdl, R. A.
Grass, J. J.	Nero, H. W.
Greer, H.	Norris, R. C.
Halloran, J. D.	Oie, R. J.
Hawkins, E. A.	Ondrak, B. T.
Herbolsheimer, J. A.	Price, C. H.
Hilgrenbrink, K. E.	Rogel, R. L.
Hoenigke, R. J.	Vilona, A.
Hojem, J. C.	Williams, J. R.
Karpiel, H. B.	

Mechanical Engineering — TRIP 2

(All students must be United States citizens)

WEDNESDAY, OCTOBER 20

- 6:00 A.M. Board bus on Mathews Avenue, west of the Mechanical Engineering Building.
- 11:30 A.M. Arrive at St. Louis.
- 12:00 M. Arrive at Wagner Electric Corporation, 6400 Plymouth Avenue.
- 12:30 P.M. Lunch, courtesy of Wagner Electric Corporation in cafeteria.
- 1:30 P.M. Tour plant of Wagner Electric Corporation.
- 4:30 P.M. Check in at Mark Twain Hotel, 116 North Eighth Street.

THURSDAY, OCTOBER 21

- 8:00 A.M. Assemble in lobby of Mark Twain Hotel.
- 8:15 A.M. Leave hotel by special bus.
- 9:00 A.M. Arrive at Monsanto Chemical Company, East St. Louis plant, Monsanto, Illinois.
- 12:00 M. Lunch.
- 2:00 P.M. Arrive at Nordberg Manufacturing Company, Busch-Sulzer Division, 3300 South Second Street.
- 5:00 P.M. Return to hotel.

FRIDAY, OCTOBER 22

- 8:30 A.M. Check out of hotel and assemble in the lobby.
8:45 A.M. Leave hotel by special bus.
9:30 A.M. Arrive at Anheuser-Busch Inc., 610 Pestalozzi Street.
12:00 M. Lunch and proceed to Champaign-Urbana.
5:30 P.M. Arrive at Champaign-Urbana.

Faculty

D. H. Cole

H. E. Straub

Seniors

Antos, R. G.
Banks, T. N.
Basinski, L. R.
Batha, D. R.
Bercher, F. W.
Cizek, D. F.
de Courcy, K. J.
Dillon, A. D.
Evers, J. E.
Felker, P. J.
Foster, M. S.
Gillen, R. J.
Goad, T. C.
Goetz, F. J.
Hunter, A. B.
Johnson, L. H.
Johnson, R. E.
Kelps, P. R.
Kurtz, J. L.
Lain, P. J.

Laing, E. R.
Langas, A.
Larson, J. R.
Laschober, R. R.
Lefton, N. B.
Linsley, R. C.
Lowum, D. D.
Pedersen, A. P.
Rayner, R. E.
Reder, D. E.
Reisinger, R. L.
Salak, D. J.
Schneider, J. C.
Schroeder, R. W.
Shockley, J. C.
Shonk, R. O.
Stern, R. G.
Sweeney, F. P.
Wilson, W. W.

Mechanical Engineering — TRIP 3

(All students must be United States citizens)

WEDNESDAY, OCTOBER 20

- 6:00 A.M. Board bus on Mathews Avenue, west of the Mechanical Engineering Building.
11:30 A.M. Arrive at St. Louis.
11:30 A.M. Lunch.
1:00 P.M. Arrive at Chevrolet Division, 3809 North Union Boulevard.
4:30 P.M. Check in at Mark Twain Hotel, 116 North Eighth Street.

THURSDAY, OCTOBER 21

- 7:45 A.M. Assemble in lobby of Mark Twain Hotel.
8:00 A.M. Leave hotel by special bus.
9:00 A.M. Arrive at Granite City Steel Company, Granite City, Illinois.
1:00 P.M. Arrive at Shell Oil Company, Wood River, Illinois.
1:15 P.M. Lunch, courtesy of Shell Oil Company.
2:00 P.M. Tour refinery and research laboratory of Shell Oil Company.
5:00 P.M. Return to hotel.

FRIDAY, OCTOBER 22

- 7:30 A.M. Check out of hotel and assemble in the lobby.
7:45 A.M. Leave hotel by special bus.
8:30 A.M. Arrive at McDonnell Aircraft Corporation — Lambert — St. Louis Airport.
12:00 M. Lunch and proceed to Champaign-Urbana.
5:30 P.M. Arrive at Champaign-Urbana.

Faculty

W. L. Hull L. M. Zubko

Seniors

Alter, I. C.	Harwath, F. L.
Bordignon, P. D.	Johnson, A. R.
Borrer, H. M.	Johnson, P. N.
Carr, D. E.	Lahrman, W. H.
Corcoran, R. W.	Lewis, E. W.
Davis, D. A.	Lohbauer, K. R.
de Roche, J. W.	McConnell, J. W.
Ehlers, M. W.	McDowell, F. W.
Evans, W. E.	Otte, J. O.
Florman, G. L.	Patterson, H. G.
Fujii, T.	Peterson, C. W.
Gapp, A.	Randolph, J. F.
Gauger, G. M.	Regul, T. F.
Gautschy, C. A.	Varous, M. J.
Glitzenstein, W. L.	Verna, B. J.
Goettig, A. H.	Warshawsky, H. I.
Goldblatt, M.	Watts, F. B.
Gondry, R.	Witt, J. B.
Graiff, L. B.	Zieman, G. A.
Grunlee, W. S.	

Mechanical Engineering — TRIP 4

(No restrictions on citizenship)

WEDNESDAY, OCTOBER 20

- 6:00 A.M. Board bus on Mathews Avenue, west of the Mechanical Engineering Building.
- 11:30 A.M. Arrive at St. Louis.
- 11:30 A.M. Lunch.
- 1:00 P.M. Arrive at White-Rodgers Electric Company, 1209 Cass Avenue.
- 5:00 P.M. Check in at Mark Twain Hotel, 116 North Eighth Street.

THURSDAY, OCTOBER 21

- 7:45 A.M. Assemble in lobby of Mark Twain Hotel.
- 8:00 A.M. Leave hotel by special bus.
- 9:00 A.M. Arrive at Granite City Steel Company, Granite City, Illinois.
- 1:00 P.M. Arrive at Shell Oil Company, Wood River, Illinois.
- 1:15 P.M. Lunch, courtesy of Shell Oil Company.
- 2:00 P.M. Tour research laboratory and refinery of Shell Oil Company.
- 5:00 P.M. Return to hotel.

FRIDAY, OCTOBER 22

- 7:45 A.M. Check out of hotel and assemble in the lobby.
- 8:00 A.M. Leave hotel by special bus.
- 9:00 A.M. Arrive at Owens-Illinois Glass Company, Alton, Illinois.
- 12:00 M. Lunch and proceed to Champaign-Urbana.
- 5:30 P.M. Arrive at Champaign-Urbana.

Faculty

D. H. Offner

I. L. Reis

Seniors

Acosta, G.	Roa, R.
Ahuja, A.	Rodriguez, M. W.
Alvarez, M.	Rodriguezacosta, L.
Amitai, G.	Schlung, E. G.
Baltrusaitis, J.	Smith, R. L.
Black, H.	Sommer, G. K.
Brace, D. K.	Sparrow, R. G.
Bueche, J. F.	Stauffer, J. B.
Burnett, J. W.	Stephens, P. B.
Chen, M. M.	Stroup, K. E.
Clement, R. E.	Swanson, T. H.
Colbert, M. J.	Tan, K. J.
Dundzila, A. V.	Taylor, A. B.
Espinosa, E.	Teutsch, R. J.
Foley, C. H.	Thomas, W. I.
Griffith, G.	Tom, H. Y. W.
Gruener, W.	Valencia, E.
Haas, E. G.	Vega, T. E.
Howell, L. J.	Villa, E.
	Viskanta, R.

Metallurgical Engineering

TUESDAY, OCTOBER 19

- 5:00 P.M. Leave by car from the Metallurgy Laboratory in Urbana.
- 9:00 P.M. Arrive in Chicago at the St. Clair Hotel, 162 Ohio Street.

WEDNESDAY, OCTOBER 20

- 7:30 A.M. Leave the hotel.
- 8:00 A.M. Visit the Griffin Wheel Company, 445 North Sacramento Boulevard.
- 9:30 A.M. Leave the Griffin Wheel Company.
- 10:00 A.M. Visit the Lindberg Steel Treating Company, 1975 North Ruby Street, Melrose Park.
- 12:00 M. Lunch as guests of Lindberg Steel Treating Company.
- 1:30 P.M. Visit the Aluminum Company of America, Madison Street and Mannheim Road, Bellwood.
- 4:00 P.M. Return to the St. Clair Hotel.

THURSDAY, OCTOBER 21

- 7:00 A.M. Leave the hotel.
- 9:00 A.M. Visit the American Brass Company, 14th Avenue and 63rd Street, Kenosha, Wisconsin.
- 12:00 M. Lunch in Kenosha.
- 1:30 P.M. Visit Nash Motors, 5626 25th Avenue, Kenosha, Wisconsin.
- 4:00 P.M. Return to the St. Clair Hotel.

FRIDAY, OCTOBER 22

Check out of the hotel and place baggage in the cars.

- 7:45 A.M. Leave the hotel.
- 8:30 A.M. Visit the Wisconsin Steel Company, 2701 East 106th Street.
- 11:30 A.M. Leave the Wisconsin Steel Company.
- 12:30 P.M. Lunch as guests of the Wyman-Gordon Company, Harvey, Illinois.
- 1:30 P.M. Visit plant of Wyman-Gordon Company.
- 4:00 P.M. Return to Urbana.

Faculty

R. W. Bohl

B. G. Ricketts

Seniors

Friedman, H.
Gegel, H. L.
Huschke, E. G.
Kay, R. C.
Kimball, O. F.
Kish, A. J.
Klein, A. J.
Meindl, R. C.

Potovsky, I. N.
Robinson, G. J.
Slutsky, L. M.
Wells, R. R.
Wilson, K. R.
Wishart, J. W.
Zeman, K. P.

Mining Engineering

TUESDAY, OCTOBER 19

- 10:00 A.M. Leave by car from the Ceramics Building in Urbana.
- 7:30 P.M. Arrive at the Ozark Village Motel, Farmington, Missouri.

WEDNESDAY, OCTOBER 20

- 7:30 A.M. Leave the motel.
- 8:00 A.M. Visit the mine of the St. Joseph Lead Company, Bonne Terre, Missouri.
- 1:30 P.M. Visit the mill of the St. Joseph Lead Company.
- 3:30 P.M. Leave the St. Joseph Lead Company.
- 6:30 P.M. Arrive at the Benton Motel, Benton, Illinois.

THURSDAY, OCTOBER 21

- 6:00 A.M. Leave the motel.
- 8:00 A.M. Visit the Alcoa Mine, Alcoa Mining Company, Rosiclare, Illinois.
- 1:00 P.M. Visit the fluorspar mill, Alcoa Company, Rosiclare.
- 3:30 P.M. Leave the fluorspar mill.
- 5:30 P.M. Arrive at Benton Motel.

FRIDAY, OCTOBER 22

- 7:00 A.M. Leave the motel.
- 8:00 A.M. Visit the New Orient No. 3 mine, C. W. and F. Coal Company, Waltonville, Illinois.
- 1:00 P.M. Visit the surface installations of the New Orient No. 3 mine.
- 4:00 P.M. Leave Waltonville.
- 9:00 P.M. Arrive in Urbana.

Faculty

T. S. Ullom F. D. Wright
R. G. Wuerker

Seniors

Bean, Robert H.	Garza, Dean C.
Becker, James E.	Jackson, Edwin G.
Childers, Charles E.	Romero, Jose V.
Clemons, Robert E.	Tisdale, Jack E.

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